



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yoshiaki HAMANO et al.

Group Art Unit: 1745

Application No.: 10/713,104

Filed: November 17, 2003

Docket No.: 117786

For:

POSITIVE ELECTRODE MATERIAL FOR LITHIUM SECONDARY BATTERY,

METHOD FOR PRODUCING THE SAME, AND LITHIUM SECONDARY BATTERY

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- \boxtimes This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- \boxtimes The references were cited in a counterpart foreign application. An English 2. language version of the foreign search report is attached for the Examiner's information.
- \boxtimes The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- \boxtimes An English-language Abstract of the non-English language reference 2 is attached hereto.

 \boxtimes

5. A computer-generated English translation of the following Japanese reference has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See Reference 2.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Joel S. Armstrong Registration No. 36,430

JAO:JSA/cqc

Date: June 16, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Sheet	1	of	1	

orm PTO-1449 US Dept. of Commerce EV. 8-83) PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117786			APPLICATION NO. 10/713,104				
ATION	N DISCLOSURE STATEMENT	١							
(Use several sheets if necessary) U.S. PAT			APPLICANT(S) Yoshiaki HAMANO et al.						
			FILING DATE November 17, 2003			GROUP 1745			
) —	U.S.	. PAT	ENT DOCU	MENTS					
	DOCUMENT NUMBER		DATE NAME		AME	CLASS		SUB CLASS	
1)	JS 2002/0055041 A1		05/09/2002 KOBAYASHI et al.						
		-							
		-							
		-			 		-		
		+-							
		+							
	FORE	IGN I	PATENT DO	CUMENTS					
	DOCUMENT NUMBER		DATE	COUNTRY			CLASS	SUB CLASS	
عا (2	JP A 6-275277 w/ Abst. & trans.	09	9/30/1994	JAPAN					
3) '	EP 0 712 172 A2	0:	5/15/1996	EUROPE					
4)	WO 98/57890	13	2/23/1998	WIPO					
5) ~	EP 0 849 817 A2	0	6/24/1998	EUROPE					
	TO GVD (FINITE)		ding Author	Title Date Pertinen	t Pages, etc.)			l	
	OTHER DOCUMENTS (Inciu	uing Aution	Title, Dae, Tertifien	rrages, every				
-									
		_							
					DATE	CONSI	DERED		
								.i :6	
	2) ls 3) 4) 5) ~	Use several sheets if necessary) US DOCUMENT NUMBER 1) US 2002/0055041 A1 FORE DOCUMENT NUMBER 2) JP A 6-275277 w/ Abst. & trans. 3) PP 0 712 172 A2 4) WO 98/57890 5) EP 0 849 817 A2 OTHER DOCUMENTS (Use several sheets if necessary) US. PAT DOCUMENT NUMBER 1) US 2002/0055041 A1 05. FOREIGN 1 DOCUMENT NUMBER 2) JP A 6-275277 w/ Abst. & trans. 0. 3) PP 0 712 172 A2 0. 4) WO 98/57890 1. STOTHER DOCUMENTS (Inclu	APPLICA	APPLICANT(S) Yoshiaki HAMANO et al. FILING DATE November 17, 2003	ATION DISCLOSURE STATEMENT Use several sheets if necessary) APPLICANT(S) Yoshiaki HAMANO et al. FILING DATE November 17, 2003 U.S. PATENT DOCUMENTS DOCUMENT NUMBER DATE NAME 1) US 2002/0055041 A1 OS/09/2002 KOBAYASHI et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY 2) V JP A 6-275277 w/ Abst. & trans. O9/30/1994 JAPAN 3) V EP 0 712 172 A2 O5/15/1996 EUROPE WO 98/57890 12/23/1998 WIPO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) DATE OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	APPLICANT(S) Yoshiaki HAMANO et al. FILING DATE November 17, 2003 U.S. PATENT DOCUMENTS US 2002/0055041 A1 O5/09/2002 KOBAYASHI et al. FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE POREIGN PATENT DOCUMENTS DOCUMENT NUMBER DATE COUNTRY 1) IP A 6-275277 w/ Abst. & trans. O9/30/1994 JAPAN 3) PEP 0 712 172 A2 O6/24/1998 EUROPE OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) DATE CONSI	APPLICANT(S) Yoshiaki HAMANO et al.	

Date: June 16, 2004